

1616 PATENT APPLICATION Mo-7057 LeA 34,002

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**APPLICATION OF** 

REINER FISCHER ET AL

SERIAL NUMBER: 10/089,989

FILED: APRIL 2, 2002

TITLE: ACTIVE INGREDIENT COMBINATIONS

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**PROPERTIES** 

**GROUP NO.: 1616** 

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## **INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. 1.97(b)**

**Assistant Commissioner for Patents** Washington, D.C. 20231 Sir:

This disclosure statement under 37 CFR 1.97 & 1.98 is submitted before the first Office Action in order that the Patent and Trademark Office may consider the relevancy of certain information to the invention described and claimed in the subject application, and in compliance with the regulations concerning information disclosure statements, copies of documents and any corresponding English language equivalents listed on the attached Form PTO are enclosed.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an enveloped addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 3/24/2003						
Patents, Washington, D.C. 202313/24/2003						
Date						
Date Raymond J. Harmuth, Reg. No. 33,896 lame of applicant, assigned by Registered Representative						
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Signature March 24, 2003						
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Concise statements of the presently understood relevance of each of the documents are found in the specification filed.

This Information Disclosure Statement should not be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, that any document mentioned herein constitutes prior art, or that the documents listed severally or in any combination with one another or with any other information, are believed to render any claim in the subject application prima facie unpatentable.

Respectfully submitted,

Bv

Raymond J. Harmuth Attorney for Applicants Reg. No. 33,896

Bayer CropScience LP 100 Bayer Road Pittsburgh, Pennsylvania 15205-9741 (412) 777-8366 FACSIMILE PHONE NUMBER: (412) 777-8363 lo/HARMUTH/rjh033 Form PTO 1449 Re()7 80

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**U.S. Department of Commerce** Patent and Trademark Office

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Atty. Docket No. Serial No. Mo-7057 / LeA 34,002 10/089,989 Applicant Reiner Fischer et al Filing Date Group April 2, 2002 1616

U.S. PATENT DOCUMENTS

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EXAMINER		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPRO- PRIATE
	-AA	4,531,002	07/23/85	(Bel. to corresp. to EP	135,956) 544	54	
	АВ	4,590,272	05/20/86	(Bel. to corresp. to EP Shiokawa et al	136,636) 544	335	
	AC	4,606,862	08/19/86	(Bel. to corresp. to EP Harris	135,956) 260	402.5	
	AD	4,647,570	03/03/87	(Bel. to corresp. to EP Shiokawa et al	154,178) 514	341	
	AE	4,678,795	07/07/87	(Bel. to corresp. to EP Shiokawa et al	163,855) 514	341	
	AF	4,680,294	07/14/87	(Bel. to corresp. to EP Shiokawa et al	154,178) 514	256	
	AG	4,687,845	08/18/87	(Bel. to corresp. to EP Hollowood et al	189,972) 544	54	
	AH	4,742,060	05/03/88	(Bel. to corresp. to EP Shiokawa et al	192,060) 514	252	
	AI_	4,772,620	09/20/88	(Bel. to corresp. to EP Shiokawa et al	212,600) 514	341	
	AJ	4,774,247	09/27/88	(Bel. to corresp. to EP Shiokawa et al	163,855) 514	256	
Ţ.	AK	4,803,277	02/07/89	(Bel. to corresp. to EP Shiokawa et al	259,738) 514	332	•

**FOREIGN PATENT DOCUMENTS** 

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION		
						Yes	No*	
AL	**0 528 156	02/24/93	Europe .					
AM .	2,052,731	04/06/92	(Bel. to corresp. to EP 483,055) Canada					
AN	7-173157	07/11/95	Japan (Abstract Attached)				x	
AO	8-291171	11/5/96	Japan (Abstract Attached)	•			x	
AP	5-178833	07/20/93	Japan (Abstract Attached)				×	

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

		Weeds, 15, (month unavailable) 1967, pgs. 20-22, "Calculating Synergistic and Antagonistic
	AR	Responses of Herbicide Combinations" by S. R. Colby.
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Sheet 2 of 7 Patent and Trademark Office
LIST OF PRIOR ART CITED BY APPLICANT

MAR 2 7 2003 (Use Several Sheets If Necessary) Atty. Docket No. Serial No. Rev. 7-80 Mo-7057 / LeA 34,002 10/089,989 Applicant Reiner Fischer et al Filing Date Group April 2, 2002 1616 **U.S. PATENT DOCUMENTS** EXAMINER FILING DATE INITIAL DOCUMENT NUMBER DATE NAME IF APPRO-CLASS SUBCLASS PRIATE 254,859) (Bel. to corresp. to EP AA 4,806,553 02/21/89 Shiokawa et al 514. 332 (Bel. to corresp. to EP 212,600) 03/14/89 ΑB 4,812,454 256 Shiokawa et al 514 (Bel. to corresp. to EP 163,855) 03/14/89 AC 4,812,571 546 296 Shiokawa et al (Bel. to corresp. to EP 192,060) AD 4,845,106 07/04/89 Shiokawa et al 514 342 235,725) (Bel. to corresp. to EP 07/18/89 ΑE 4,849,432 Shiokawa et al 514 (Bel. to corresp. to EP 259,738) ΑF 4,882,344 11/21/89 Shiokawa et al 514 (Bel. to corresp. to EP 315,826) AG 04/03/90 514 4,914,113 Shiokawa et al (Bel. to corresp. to EP 302,833) 4,918,086 04/17/90 Gsell 514 (Bel. to corresp. to BR 88,03,621) 04/17/90 357 ΑI 4,918,088 Gsell 514 (Bel. to corresp. to EP 306,696) AJ 4,948,798 08/14/90 Gsell 514 275 (Bel. to corresp. to EP 303,570) 4,963,572 10/16/90 Gsell 514 357 **FOREIGN PATENT DOCUMENTS** 

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSL	ATION
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AL	3-279359	12/10/91	Japan (Abstract Attached)				х
AM	3-255072	11/13/91	Japan (Abstract Attached)			*	Х
AN	3-246283	11/01/91	Japan (Abstract Attached)	/			х
AO	4-9371	01/14/92	Japan (Abstract Attached)				х
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	AA	4,963,574	10/1	6/90	(Bel. to corresp. to FR Bachmann et al	2,611,114) 514	357		
	АВ	4,988,712	01/2	29/91	(Bel. to corresp. to EP Shiokawa et al	259,738) 514	340		,
	AC	5,001,138	03/1	9/91	(Bel. to corresp. to EP Shiokawa et al	192,060) 514	342 . 豆		-
	AD	5,032,589		6/91	(Bel. to corresp. to EP Shiokawa et al	386,565) 514	<u> </u>	MAR	7
	AE 5,034,404			23/91	(Bel. to corresp. to EP Uneme et al	376,279) 514	365	1 2 2	, <b>q</b>
	AF	5,034,524		23/91	(Bel. to corresp. to EP Shiokawa et al	386,565) 544	124	11 ox	,
	AG	5,039,686	08/13/91 Davies et al 514			341	8	3 4	
	АН	AH 5,049,571 09/17/91		7/91	(Bel. to corresp. to EP Gsell	302,833) 514	345	129	
	Al			(Bel. to corresp. to EP Kozo et al	375,907) 514	357	8		
	AJ	5,063,236	11/0	5/91	(Bel. to corresp. to EP Gsell	306,696) 514	318		
	AK	5,066,808		9/91 -	(Bel. to corresp. to EP Shiokawa et al	364,844) 514	231.5		
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E		32		<u> </u>	- 1	Bel. to corresp. to EP	375,907)		PRI	IATE
		AA.	5,084,467	01/28		Shiokawa et al	514	_ 357		
		-			- 1	Bel. to corresp. to EP	425,978)			
		AB	5,166,164	11/24		lanjo et al	514	357		
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		AC	5,175,301	12/29		linamida et al	546	272	M AR	m_
		,_	5 400 770	02/00		Bel. to corresp. to EP	455,000)	341 H		0
		AD	5,192,778	03/09		odaka et al Bel. to corresp. to EP	375,907)	341	2	m
		AE	5,204,359	04/20		Shiokawa et al	514	332	<b>20</b>	
			5,000,000		(	Bel. to corresp. to EP	192,060)		200	
		AF	5,204,360	.04/20		hiokawa et al	514	342	ದ	
		100	5 044 450	05/05		Bel. to corresp. to EP	302,389) 548	101 100		
		AG	5,214,152	05/25		Minamida et al Bel. to corresp. to EP	375,907)	181 29	<del> </del>	
		AH	5,238,949	08/24		Shiokawa et al	514	327		
					(	Bel. to corresp. to EP	471,372)			
		AI_	5,256,679	10/26		linamida et al	514	357		
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		AJ	5,264,584	11/23		Kodaka et alBel. to EP	464,830)	332.5	1	
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		AA	5,298,507		03/29/9	94	(Bel. to corresp. to EP Shiokawa et al	192,060) 514	256	. )		
		AB	5,304,566		04/19/94		(Bel. to corresp. to WO Ishimitsu et al	91/04965) 514	357		<b>-70</b>	
		AC	5,384,324		01/24/9	95	(Bel. to corresp. to EP Shiokawa et al	364,844) 514	365 243	MAR		
		AD	5,405,961		04/11/95 N		(Bel. to corresp. to EP Nanjo et al (Bel. to corresp. to EP	464,830) 544	243	20	S	
		AE	5,428,032		06/27/9	95	Shiokawa et al  (Bel. to corresp. to EP	192,060) 514 649,845)	226.8	3 2003	The second second	
		AF	5,434,181		07/18/9	5	Kodaka et al (Bel. to corresp. to EP	514 192,060)	226.8 <b>1000</b> 471 <b>2000</b>	🏻	M	
-		AG 5,461,167		<u>.</u>	10/24/9	95	Shiokawa et al  (Bel. to corresp. to EP	548 376,279 &	202 EP 493,369)			
		AH 5,489,603			02/06/9	96	Uneme et al  (Bel. to corresp. to EP	514 649.845)	365	<del> </del>		
-	AI 5,532,365			07/02/96 K		Kodaka et al (Bel. to corresp. to EP	544 192,060)	212	-			
· 	AJ 5,580,889					Shiokawa et al (Bel. to corresp. to WO	514 91/4965)	343	-			
		AK	5,612,358	E(	03/18/9		Ishimitsu et al ENT DOCUMENTS	514	357		*	
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		AA	5,614,527		03/25/97	(Bel. Kino	to corresp. to EP shita et al	685,477) 514	256			
		AB	5,633,375		05/27/97	Ùne	(Bel. to corresp. to EP Uneme et al	376,279) 544 386,565) 514 192,060) 546 375,907) 514	336			
		AC	5,719,146		02/17/98	Shio	to corresp. to EP kawa et al		229.2	* [	В П	
		AD	5,750,704		05/12/98	Shio	to corresp. to EP kawa et al		275.1			
		AE	Re. 35,811		05/26/98	Shio	(Bel. to corresp. to EP Shiokawa et al		357	8 2	=	
	AF 5,84		5,849,768	12/15/9		Mina	to corresp. to EP amida et al	302,389) 514	357		ñ	
-		AG	5,852,012		12/22/98	Maie	to corresp. to EP enfisch et al	580,553) 514	229.2	(	<b>)</b>	
			5,935,981	;	08/10/99	Mina	to corresp. to EP	302,389) 514	365			
		AI	6,022,871		02/08/00	Maie	to corresp. to EP enfisch et al to corresp. to EP	580,553) 514 192,060)	229.2			
		AJ	6,022,967		02/08/00		kawa et al to corresp. to EP	544 471,372)	298			
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	AA	6,187,773 B1	O	2/13/01	(Bel. to corresp. to EP Wu et al	428,941) 514	245		
	АВ	6,232,309 B1	0	5/1 <u>5</u> /01	(Bel. to corresp. to EP Shiokawa et al	386,565) 514	222.5	<b>—</b>	
·	AC	6,297,374 B1	1	0/02/01	(Bel. to corresp. to EP Shiokawa et al	192,060) 544	55	유 .	
	AD	2001/0046994 A1	1	1/29/01	(Bel. to corresp. to EP Wu et al	428,941) 514	241		A D
<u> </u>	AE	6,344,453 B1	0	2/05/02	(Bel. to corresp. to EP Shiokawa et al	386,565) 514	223.8		s (
	AF 6,376,487 B1		0	4/23/02	(Bel. to corresp. to EP Maienfisch et al	580,553) 514	229.2		
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